

West Bengal Renewable Energy Development Agency
(An organization of Department of Power and NES Government of West Bengal)
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,
Sector – V, Salt Lake City, Kolkata – 700 091

(National Competitive Bidding)

NIeT No: WBREDA /NIeT-05 /18-19

dated: 13-07-18

DETAILED NOTICE INVITING TENDER

1.1 Introduction :

West Bengal Renewable Energy Development Agency herein after referred to as **WBREDA** invites e-tender (Submission of Bid through **online**) through **National Competitive Bidding** (NCB) from eligible bidders for following work:

Name of the Work:

Design & Engineering, Manufacture / Procurement, Supply, Installation, Testing and Commissioning of Ground Mounted Grid Connected Solar Photovoltaic Power Plant of nominal array capacity 01 MWp on turnkey basis including warrantee obligation with 05 (Five) years Comprehensive Operation and Maintenance at Gangasagar, Sagar, South 24 Parganas, West Bengal

1.2 Brief Scope of the specific work

The scope of work shall be on the basis of single source responsibility, completely covering all the equipment/material specified under the **Technical Specifications Section**.

The work is to be executed on turkey basis. The Purchaser will not supply any materials departmentally. The scope of work will include but not limited to the followings:

- a. Detailed site survey of the location ear-marked for the Power Plant for the purpose of detailed designing and engineering.
- b. Submission of detailed designing and engineering report for installation of the Power Plant with layout plan.
- c. Detailed design of the equipment/ materials and submission of BoM.
- d. After obtaining approval from the purchaser arrangement for inspection.
- e. Manufacturing including shop testing.
- f. Procurement, packaging, forwarding, transportation and insurance of equipment/ material from the manufacturer's works to the site.
- g. Receipt, storage, preservation, insurance and conservation of equipment/ material at the site.
- h. Site-grading, clearing of vegetation.

- i. Construction of foundation & PV module mounting structure
- j. Arrangement of construction power supply and water supply
- k. Renovation of existing machine room of Diesel Generator of Wind-Diesel Hybrid Project with construction of RCC roof along with beam-column structure as necessary, removing the existing roof of corrugated sheet with suitable design for installation of Inverter / Power Conditioning Unit and associated LT and HT switchgear, Central Monitoring and Control Station, SCADA, store, battery bank with all electrical fitting and furniture
- l. Fencing of SPV plant, security cabin etc. as per requirement
- m. Installation and commissioning of equipments as per approved technical design.
- n. All associated electrical and civil works essentially required for interfacing with grid (i.e. transformer(s), Circuit breaker(s), isolator(s), panel(s), protection, control and metering system(s), cables, equipment and system earthing, etc.
- o. Construction of power evacuation system up to the terminal point at 11 kV to be facilitated within the Power Plant Compound. **[11 kV Power Evacuation Line from the Solar PV Power Plant upto 11 kV substation of WBSEDCL will be arranged by WBREDA. However, the contractor shall arrange the outgoing bay with necessary equipments/ protection system and metering system for measuring Net Generation at the evacuation point of the power plant and others as required.]**
- p. Water sourcing and supply arrangement for cleaning and washing of PV array and for service of the Power Plant.
- q. Construction of internal roads & pathways, Boundary wall, fencing and drainage system.
- r. SCADA system for remote monitoring and control of Power Plant with all hardware & software.
- s. Final check-up of equipment, installation and commissioning of power plant and putting the system into successful functional operation followed by reliability tests, performance and guarantee tests, wherever applicable and handing over the same to the Purchaser
- t. Insurance of all the equipments/ materials.
- u. Supply of spares and necessary tools and tackles as to fulfill warrantee obligation and also for trouble free operation of the Power Plant.
- v. Operation & maintenance of Power Plant including supply of consumables for a period of five years from the date of successful completion of trial run.
- w. Additional five years comprehensive operation & maintenance after successful completion of initial five (05) years comprehensive operation & maintenance

Detailed are available at the online e-tendering portal <https://wbtenders.gov.in>

1.3 Locations of the Project

Gangasagar, Sagar, District – South 24 Parganas, West Bengal

1.4 Completion time

Completion period for the project is **210 (Two hundred ten) days** from the date of placement of LoA.

1.5 Validity of offer

The bids submitted by the bidder shall remain valid for a minimum period of **180 days** from the date of the opening of Technical Bid (online). However, it may have to be extended in case of exigencies with due intimation to successful bidder(s).

1.6 Estimated Project Cost

Rs.5,62,00,000.00 (Rupees five crore sixty two lac only).

1.7 Cost of Tender Document (Tender Fee)

Cost of Tender document is **Rs 5000.00 (Five Thousand only)**. The cost of tender document is non-refundable. The tender fee shall be paid online through e-tendering portal (<https://wbtenders.gov.in>).

1.8 Bid Security (Earnest Money Deposit (EMD))

The Bid Security / EMD is Rs 11,24,000.00 (Rupees eleven lac twenty four thousand only). Necessary Earnest Money (EMD) shall be remitted online through e-tendering portal (<https://wbtenders.gov.in>).

1.9 Schedule of Dates for e-Tendering

SL. NO.	PARTICULARS	DATE & TIME
1.	Documents download start date (Online)	19.07.18 From 10.00 AM
2.	Site Visit	27.07.18 from 11:00 AM to 3:00PM
3.	Last date of uploading Pre-bid Query	01.08.18 upto 4.00 PM
4.	Pre- bid Meeting	02.08.18 at 2.00 PM
5.	Bid proposal submission start date (Online)	06.08.18 From 03.00 PM
6.	Bid proposal Submission end date (Online)	17.08.18 up to 4.00 PM.
7.	Bid opening date for Techno - Commercial proposal (Online)	24.08.18 at 3:00 PM
8.	Date of Opening of financial bid	will be intimated later on

1.10 Other Details of Tender fees and Bid Security

In the event of e-filing, intending bidder shall download the tender documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate (DSC). Necessary cost of tender documents (tender fees) and Bid Security (EMD) shall have to be paid online through e-tendering portal (<https://wbtenders.gov.in>).

1.11 Qualifying Requirement for Bidders

The Bidder must have to meet the following minimum qualification for the work

1.11.1 Definitions

- i) **“Bidder”** shall mean Bidding Individual or a Bidding Firm or a Bidding Company or Bidding Consortium submitting the Bid. Any reference to the Bidder includes Bidding

Individual / Bidding Partnership Firm / Bidding Company / Limited Liability Partnership / Bidding Consortium/ Consortium, Member of a Bidding Consortium including its successors, executors and permitted assigns and Lead Member of the Bidding Consortium jointly and severally, as the context may require. Bidder shall have legal statute as per relevant applicable law of India

- ii) ***“Bidding Company”*** shall refer to such single Bidding Individual / Bidding Partnership Firm / Bidding Company / Limited Liability Partnership having legal entities that has submitted the Bid in accordance with the provisions of this Tender
- iii) ***“Bidding Consortium” or “Consortium”*** shall refer to a group of legal entities that has collectively submitted the Bid in accordance with the provisions of this Tender (Both of the member of Bidding Consortium must be registered in India)
- iv) ***“Member of a Bidding Consortium” or “Member” or “Consortium Member”*** shall mean each legal entity in the Bidding Consortium, which has executed the Consortium Agreement as provided in **Form-4** of this tender.
- v) ***“Lead Member of the Bidding Consortium” or “Lead Member”*** shall mean the Member who submits the Bid and so designated by other Member(s) of the Bidding Consortium in accordance with the Consortium Agreement Specified in **Form-4** of this tender.

1.11.2 General Qualification

- a) Bidder must meet the eligibility criteria independently as Bidding Company or as a Bidding Consortium.
- b) A Bidder shall not have a conflict of interest. Any Bidders found to be having a conflict of interest shall be disqualified. The bidder may be considered to have conflict of interest with one or more parties in this bidding process, if:
 - i. They have a controlling partner in common,
 - ii. They receive or have received any direct or indirect subsidy from any of them; or
 - iii. They have the same legal representative for purpose of this bid; or
 - iv. They have a relationship with each other, directly or through common third parties, that puts them in position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the WBREDA regarding this bidding process; or
 - v. A bidder submits more than one bid in the bidding process, either individually [including bid submitted as agent /authorized representative on behalf of one or more manufacturer(s) or through Licensee – Licensor route, wherever permitted as per the provision of Qualification requirement for Bidders] or as partner in a Bidding Consortium

- vi. This results in disqualification of all such bids. However, this does not limit the participation of a Bidder as a sub-contractor in another Bid, or of a firm as a sub-contractor in more than one bid;

Or

- vi) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the materials and services/works that are subject of the bid, or
- vii) An individual Bidder cannot at the same time be a member of a Consortium applying for the bid. Further, a member of a particular Bidder Consortium cannot be member of any other Bidder Consortium applying for the same bid.

c) If the Bidder is a Bidding Consortium then-

- i.** Only two member consortium will be allowed.
- ii.** Both of the members of Bidding Consortium must be registered in India
- iii.** Subject to the provisions of sub-clause (i) above, the Bid should contain the information required for each member of the Consortium;
- iv.** Members of the Consortium shall nominate one member as the lead member (the “**Lead Member**”). The nomination(s) shall be supported by a Power of Attorney, as per the format **Form-5** given in this NlET, signed by both the members of the Consortium. The Lead Member shall incur liabilities and to receive instructions and payments for and on behalf of the Consortium. The Lead Member shall have main responsibility pertaining to execution of Project.
- v.** The Lead Member shall be responsible for entire job. The Lead Member will fix the role and responsibility of each of the member of the consortium. At the time of acceptance of LoA, an agreement contains above should be there. Any deviation from the above said agreement till defect liability period will be treated as breach of contract and it may lead towards loss of eligibility of the bidder. It may results termination of contract on part of WBREDA.
- vi.** Both the Consortium Members for any condition should fulfill the criteria as per NlET except exclusively required for Lead Member of the Consortium.
- vii.** Lead Member shall be solely responsible for timely completion of the project in all respect.
- viii.** The Lead Member of the Bidding Consortium after the award and signing of the Contract Agreement shall be obliged to continue to discharge their responsibility of the consortium for a period covering the entire project completion period plus Five (5) years of the Operation & Maintenance period of the project. The O&M period shall be deemed to be effective from the date of issuance of **Final Acceptance Certificates (after commissioning)**.
- ix.** The Lead Member of the Bidding Consortium shall also be obliged to continue to discharge their responsibility during additional five (5) years of the Operation & Maintenance period of the project. The tenure of additional five (5) years period shall be deemed to be commenced from the date of completion of initial O&M period for five years of this project.
- x.** An individual Bidder cannot at the same time be a member of a Consortium applying for the bid. Further, a member of a particular Bidder Consortium cannot be member of any other Bidder Consortium applying for the same bid.

- xi. No Change in the composition of the Consortium will be permitted by the Client during the Selection Process and during the subsistence of the Contract (in case the successful Bidder is a consortium).
- xii. Members of the Consortium shall enter into an Agreement (herein after called as **Consortium Agreement**), for the purpose of submitting a Bid. The **Consortium Agreement**, to be submitted along with the Bid as per format **Form-4** of the NlET

d) Bidders and all the “Members of Bidding Consortiums” must have valid GST Registration, PF Registration, Profession Tax Registration and other statutory registration for execution of this project as per laws of the land.

e) Bidders must have:

- i) Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial year ending on 31st March 2017
- ii) In case of Bidding Consortium both the member of the Consortium must have the Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial year ending on 31st March 2017

1.11.3 Financial Capability

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- a. The bidder should have a Minimum Average Annual Turnover @ 30% of the Estimated Project Cost during last 03 (three) consecutive financial year ending on 31st March 2017
- b. Bidder shall have the Liquid Asset¹ (L.A) and /or evidence of access to or availability of credit facility of equivalent amount not less than Rs. **1.0 Crore.**
- c. Net Worth² for the each of the last three Financial Years should be positive.
- d. For the purpose of this particular bid, bidder shall meet the following minimum commercial criteria in past 7 (seven) years ending last day of month previous to the one in which NlET are invited
 - i. Experience in single completed work of project execution in On-Grid Solar PV Power Projects sector or any other job anywhere in India costing not less than the amount equal to 80% of the estimated project cost.

Or

¹ “**Liquid Asset**” shall mean cash & bank balance and fixed deposits in the name of the bidder as certified by a Chartered Accountant on the date not more than one month before the issuance of the tender.”

² “**Net worth**” means the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

- ii. Experience in two completed work of project execution in each On-Grid Solar PV Power Projects sector or any other job anywhere in India costing not less than the amount equal to individually 50% of the estimated project cost.
- Or
- iii. Experience in three completed work of project execution in each On-Grid Solar PV Power Projects sector or any other job anywhere in India costing not less than the amount equal to individually 40% of the estimated project cost.
- e. In case a bid is submitted by a Consortium, all the partners of the Consortium shall meet, individually, the qualification set forth at Para 1.11.3 (c) above and collectively the requirement of Para 1.11.3 (a) ,1.11.3 (b) and 1.11.3 (d) above. The figures for each of the partner of the consortium shall be added together to determine the bidder's compliance with the minimum qualifying criteria set out in Para 1.11.3 (a) ,1.11.3 (b) and 1.11.3 (d) above; however for a consortium to qualify, the partner(s) of consortium must meet the following minimum criteria:
 - i. Lead partner shall meet, not less than 50 % of the minimum criteria given at Para 1.11.3 (a) and 1.11.3 (b) above.

And

 - ii. Other partner shall meet not less than 25% of the criteria given at Para 1.11.3 (a) and 1.11.3 (b) above.

1.11.4 Technical Capability

- a) The bidder shall have the credential of satisfactory execution of contract(s) in planning, design and engineering, manufacture/ procurement, supply, installation, testing and commissioning with comprehensive operation and maintenance of at least 01 (one) no. 80% or 02 (two) nos. 50% or 03 nos. 40% of the Grid Connected Solar PV Project of capacity 01 MWp or higher capacity of similar project in each case anywhere in India during preceding 07(Seven) years ending last day of month previous to the one in which NIEIT are invited.
- b) The Bidder should have the credential to render service in operating and maintaining at least of **1 (one) no. of 400 (four hundred) kW Ground Mounted Solar PV Power Plant anywhere in India for consecutive two years within last seven years** from the ending last day of month previous to the one in which NIEIT are invited.
- c) Bids may also be submitted by consortium (having not more than two partners with one partner as lead partner) with requisite technical qualification of the Members of the consortium as mentioned below:
 - i. At least one of the partner(s) of the bidding consortium should fulfill the requirements set forth in Para 1.11.4 (a) and 1.11.4 (b) above.

Or

- ii. All the partners of the bidding consortium should jointly meet qualification requirements set forth in Para 1.11.4 (a) and 1.11.4 (b) above.
- d) Bidder shall submit certificate of successful completion and operation from the Owner. The certification by the bidder for his own Solar PV power plant shall not be acceptable.

1.12 Other Information

- 1.12.1** WBREDA reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reason thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.
- 1.12.2** If the offer is submitted without or inadequate Earnest Money (Bid Security), the bid shall be considered as rejected. Incomplete offer will be liable for rejection.
- 1.12.3** A prospective bidder requiring any clarification on bidding documents may notify the WBREDA by uploading the same in the e-tendering portal, which shall be available to all the participant bidders, as per Standard Format enclosed with this document **Error! Reference source not found. and Error! Reference source not found.** not later than the date and time specified in NIEt. The soft copy of the same must be sent in spread sheet at the mail address : **cewbredagedcl@wb.gov.in**
The WBREDA will issue clarification(s) as they may think fit after pre-bid meeting prior to the deadline/ extended deadline for submission of bids prescribed by the WBREDA. Written copies of the WBREDA's response (including an explanation of the query but without identifying its source) will be uploaded in the e-tendering portal in the corrigendum folder which shall be available to all the participant bidders.

Any queries sent by the bidders after the date and time notified in NIEt or any extended date, if any, shall not be entertained.
- 1.12.4** Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.
- 1.12.5** If the dates of any offline activity (Pre-bid meeting, Last Date of submission of original copies of Tender Fees Earnest Money Deposit in original at the office etc) and opening of Technical Bid and Financial Bid fall on holidays or on days of strike or natural calamity, the dates get deferred to next working days at same hours without any further notice.
- 1.12.6** The Tender Inviting Authority reserves the right to modify, amend or supplement the Tender Document. Any corrigendum, notification concerned to this tender will be published in the e- tender portal **<https://wbtenders.gov.in>** and it will be part & parcel of the tender. The bidders are therefore advised to follow the e-tender portal **<https://wbtenders.gov.in>** for such corrigendum, notification etc.
- 1.12.7** Joint Venture for this work will not be considered as a bidder.
- 1.12.8** Other information as well as terms and conditions, which are not covered in the NIEt, have been incorporated in **Instructions to Bidders (Section II), Bid Data Sheet (Section-III) General Condition of Contract (Section IV) Special Conditions of Contract (Section V), Technical specification (Section-VI)** of this e-tender.

1.13 Help desk communication

You may contact with NIC help-desk for any assistance between 10:30 am to 5:30 pm in any working days (Monday to Friday). The contact details are as follows:

1. Sri. Bhaskar Rao : 9051172998
2. Md. Habbibulla Rahaman : 9874961136

1.14 Address for communication

The Chief Engineer

West Bengal Renewable Energy Development Agency

Bikalpa Shakti Bhavan, J1/10, EP&GP Block, Sector – V, Salt Lake, Kolkata – 700 091

Website : www.wbreda.org

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Sd/-

Chief Engineer
WBREDA